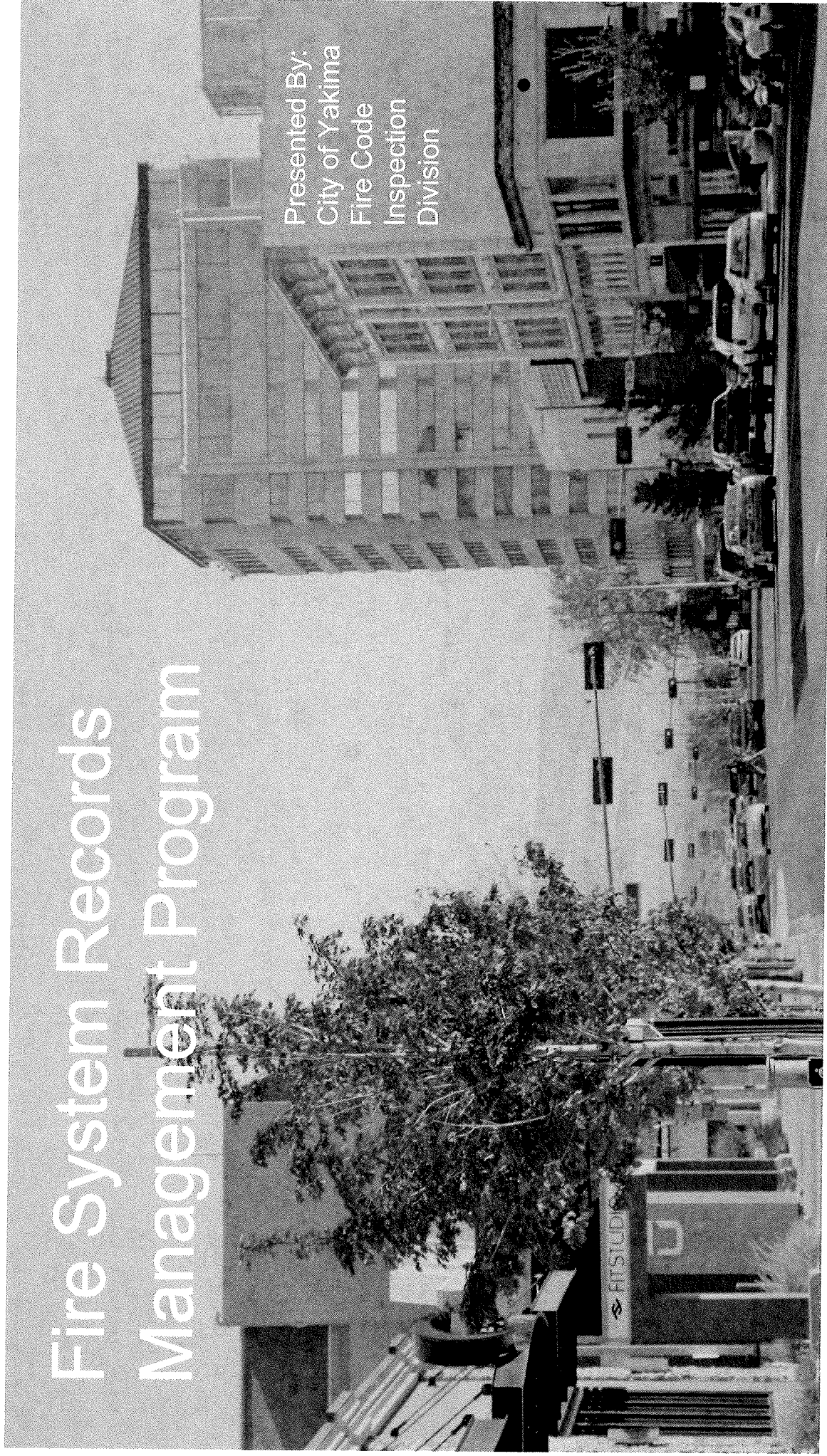


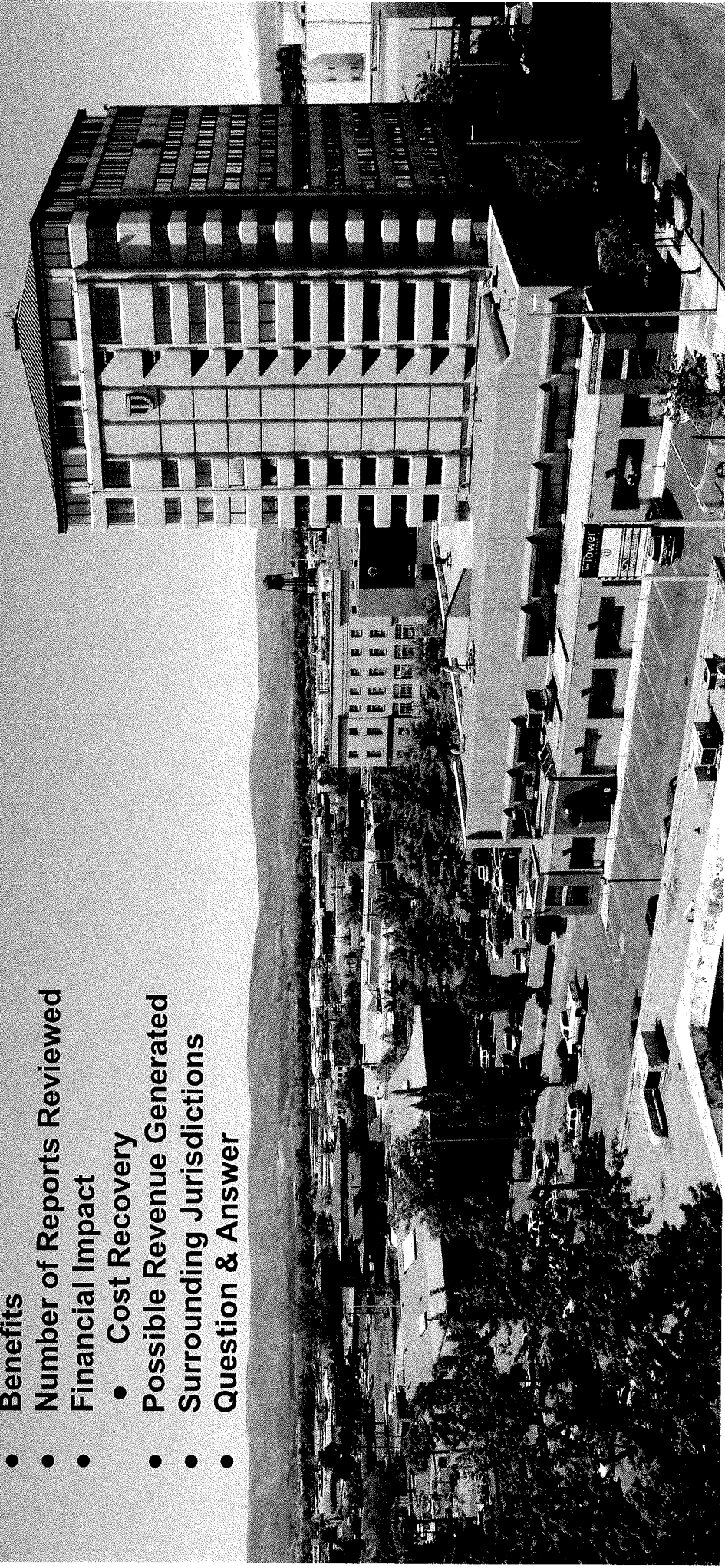
Fire System Records Management Program

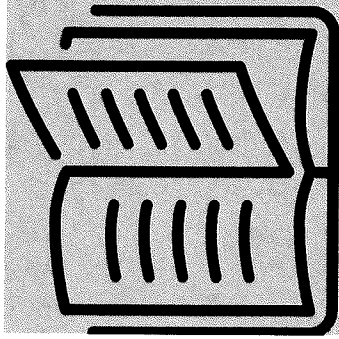
Presented By:
City of Yakima
Fire Code
Inspection
Division



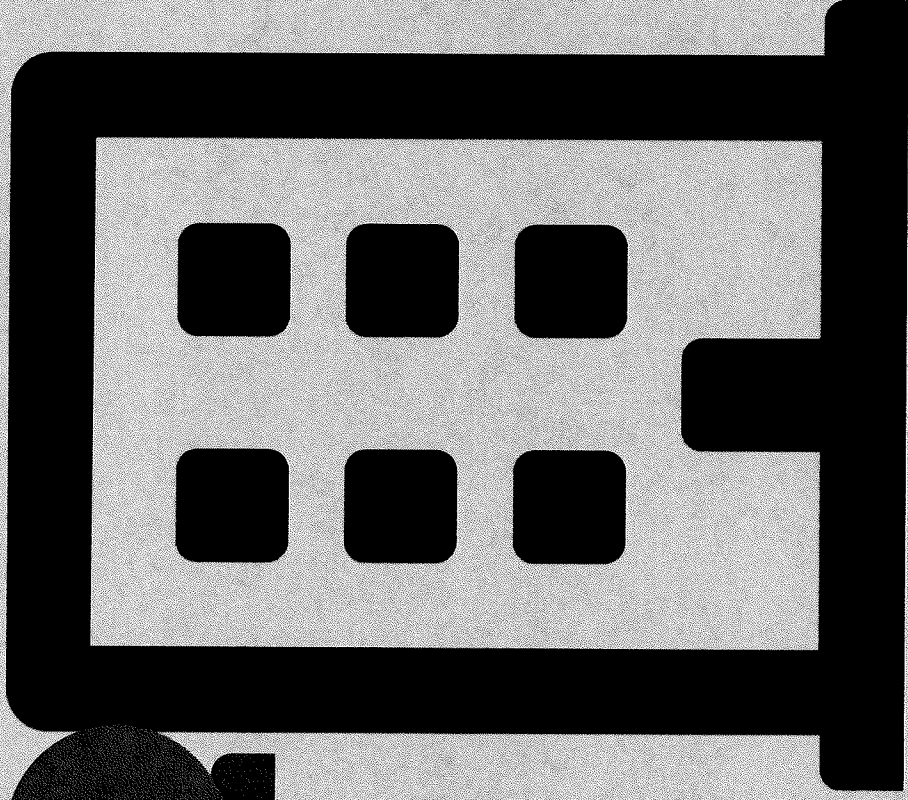
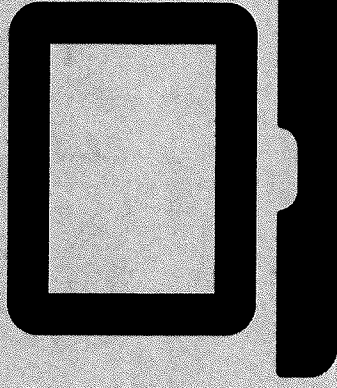
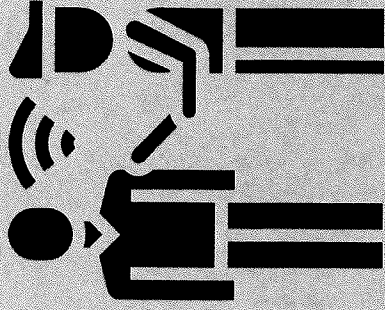
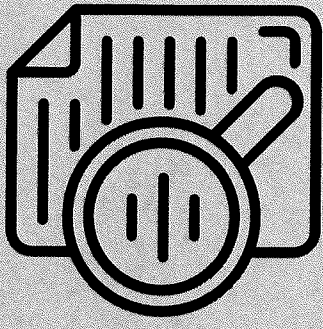
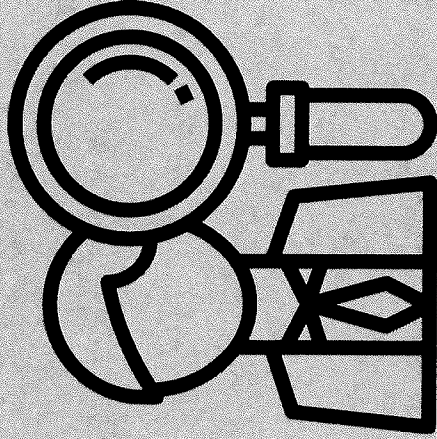
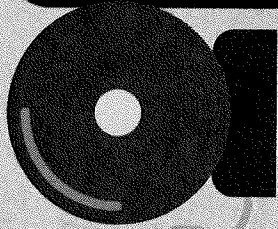
Slide Contents

- Program Details
- Benefits
- Number of Reports Reviewed
- Financial Impact
 - Cost Recovery
- Possible Revenue Generated
- Surrounding Jurisdictions
- Question & Answer



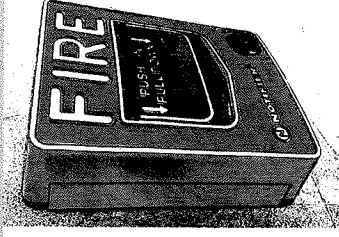
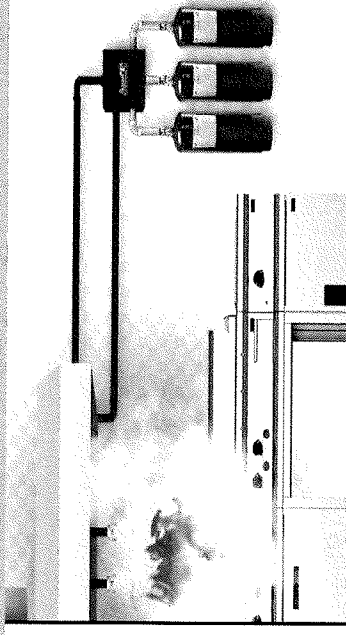
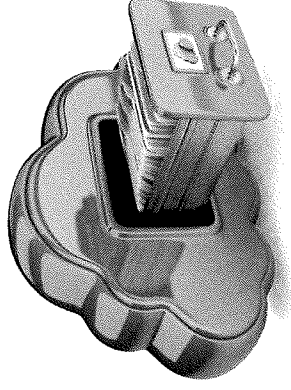
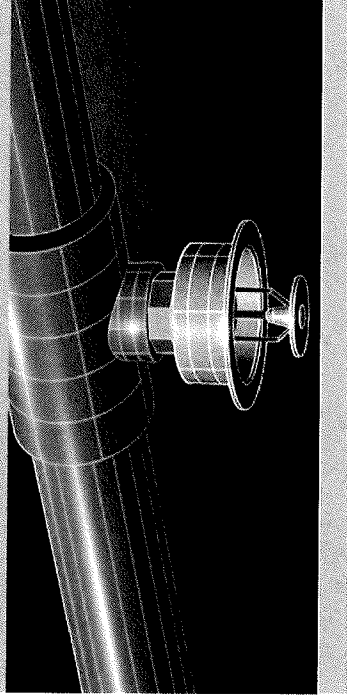


Program Details



Program Details

Fire protection systems require annual (or sometimes 6-month) maintenance inspections to verify operability and compliance with applicable NFPA Standards. This service is provided by a third party, private contractor, who is trained and certified in the system they are inspecting (e.g.: fire alarm, fire sprinkler, or kitchen suppression). Tracking fire protection systems is a key component to a successful fire prevention program. The 2015 International Fire Code (adopted by the City of Yakima) requires those records to be submitted to the Authority Having Jurisdiction; this allows the Fire Code Inspection Division to track and require repairs of any deficiencies that may hinder the operation of these systems. See Appendix A.



Benefits

Year	Fire Protection Deficiencies Repaired
2014	178
2015	105
2016	156
2017	329
2018	247

Since 2014, this program has been responsible for the abatement of more than 1,000 individual hazards that directly affect the operation of fire protection systems. This has had an immediate and positive impact on the safety of lives and property in our community. It also helps emergency responders arrive to a safer scene, allowing for more efficient operations. Additionally, this is part of Washington State Survey and Rating Bureau (WSRB) equation when determining the City's insurance classification. During their last audit, which concluded in March of 2018, we were awarded 100% credit in this category.

Number of Reports Reviewed Annually

Fire Protection System Reports	Number
Automatic Fire Sprinklers	973
Fire Alarms	768
Kitchen Suppression	908
Kitchen Hood & Duct Cleaning	908
Fire Door	321
Paint Booth	190
Private Hydrants	123
FM200/CO2/Dry Chem	50
Fire Escape	12
Fire Pump	10
Standpipe	4
Total	4267 ₃

Financial Impact:



4,200 reports reviewed per year



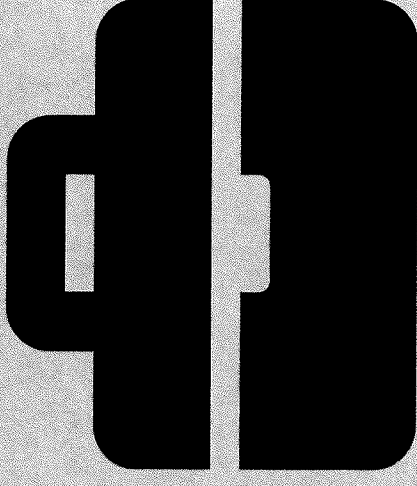
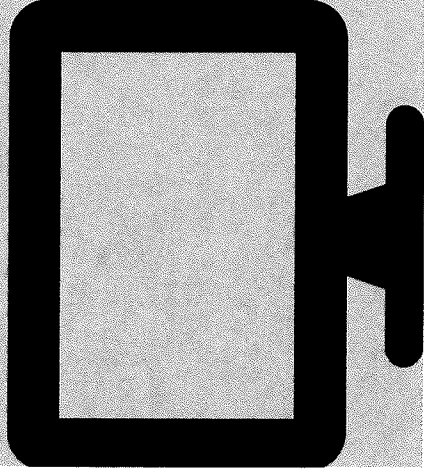
**Approximately 15 minutes to process one
report**



Equivalent to 1,050 hours of work per year

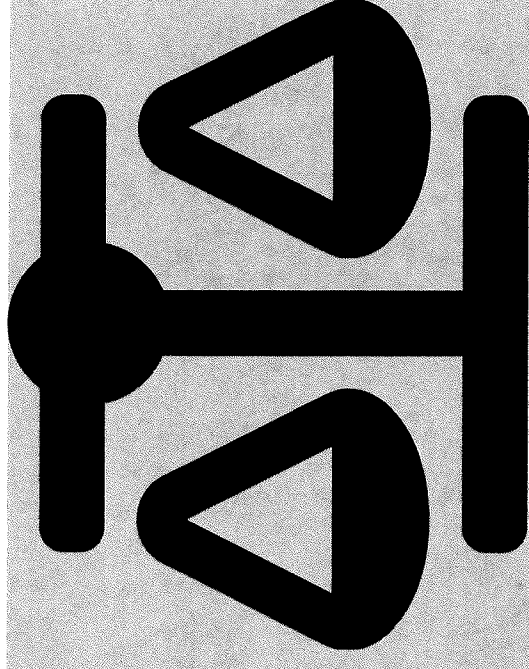


Or 20 staff hours spent per week



Cost Recovery

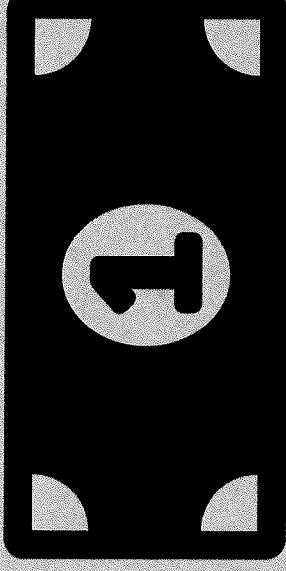
- 2017 fee schedule adopted
- Fee schedule includes cost recovery for:
 - Annual fire code inspections
 - Compliance inspections
 - Event inspections
- Fee schedule does not include cost recovery for the Fire System Records Management Program
- Propose a per report fee for all inspection reports submitted and reviewed



Possible Revenue

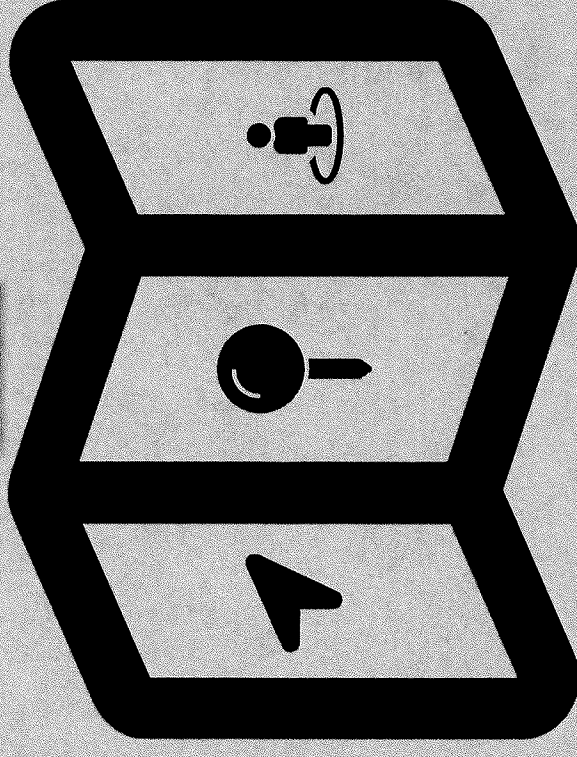
Total Reports Reviewed Annually	4,000
Proposed Fee Per Report	\$15.00
Possible Annual Revenue Generated	\$60,000

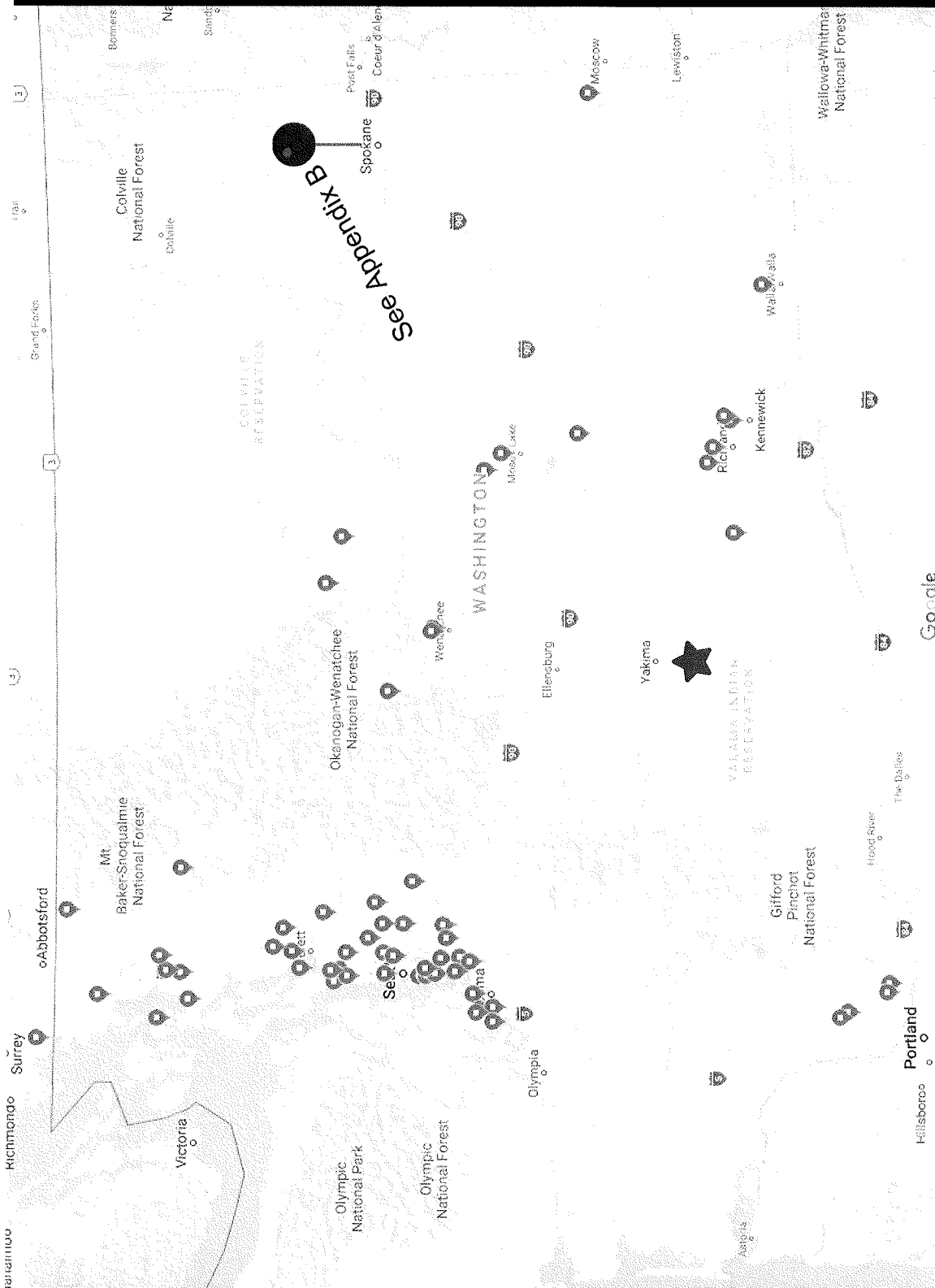
- Who pays the fee?
- What businesses do these impact?
- What are other jurisdictions doing?



Surrounding Jurisdiction

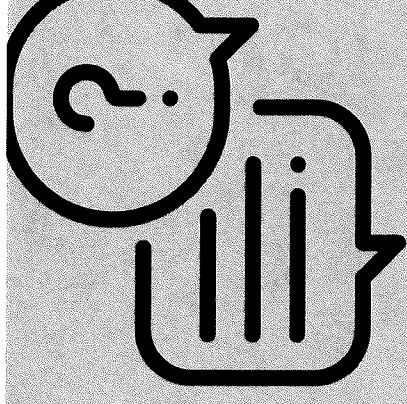
1. Lynwood	26. La Conner	51. Shoreline
2. Marysville	27. Blaine	52. Tacoma
3. Anacortes	28. Othello (\$15/Report)	53. Algona
4. Richland (\$15/Report)	29. Grant County (\$15/Report)	54. Auburn
5. Federal Way	30. Maple Valley	55. Pacific
6. Des Moines	31. Monroe	56. Lakewood
7. Pullman (\$15/Report)	32. Douglas County	57. University Place
8. Mount Vernon	33. Burien	58. Spokane (See Appendix B)
9. Kennewick (\$15/Report)	34. Normandy Park	(\$19/Report)
10. Burlington	35. Bellevue	
11. Whatcom County	36. Camas	
12. Mukilteo	37. Washougal	
13. Everett	38. Battle Ground	
14. Sedro-Woolley	39. Bothell	
15. Pasco (\$15/Report)	40. Clark County	
16. Skagit County	41. Carnation	
17. Lake Stevens	42. Issaquah	
18. Edmonds	43. North Bend	
19. Mountlake Terrace	44. Sammamish	
20. Moses Lake (\$15/Report)	45. Mercer Island	
21. E. Wenatchee(\$15/Report)	46. Covington	
22. Bellingham	47. Kent	
23. Leavenworth (\$15/Report)	48. Sea-Tac	
24. Wenatchee (\$15/Report)	49. Redmond	
25. W. Richland (\$15/Report)	50. Seattle	





Questions?

Thank You!



Administration
Fire Suppression
Fire Investigation
Fire Training
Fire Prevention
Public Education



401 North Front Street, Yakima, WA 98901

(509) 575-6060
Fax (509) 576-6356
www.yakimafire.com

APPENDIX A

To Whom it May Concern,

As many of you are already aware, the City of Yakima Fire Code Inspection Division requires all copies of inspection reports to be sent to us for documentation and review. This applies to all systems in the City of Yakima. Being that some time has passed since the last notice, we thought we would send out another notice with the most recent language in the state adopted 2015 International Fire Code. The following is a set of currently adopted codes that require all copies of reports be sent to the Fire Code Official, as well as a list of what systems are required to be submitted:

[A] 107.2 Testing and operation. Equipment requiring periodic testing or operation to ensure maintenance shall be tested or operated as specified in this code.

[A] 107.2.1 Reinspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary corrections shall be made so as to achieve compliance with this code. The work or installation shall then be resubmitted to the *fire code official* for inspection and testing.

[A] 107.3 Recordkeeping. A record of periodic inspections, tests, servicing and other operations and maintenance shall be maintained on the premises or other *approved* location for not less than 3 years, or a different period of time where specified in this code or referenced standards. Records shall be made available for inspection by the *fire code official*, and a copy of the records shall be provided to the *fire code official* upon request.

The *fire code official* is authorized to prescribe the form and format of such recordkeeping. The *fire code official* is authorized to require that certain required records be filed with the *fire code official*.

901.6 Inspection, testing and maintenance. Fire detection, alarm, and extinguishing systems, mechanical smoke exhaust systems, and smoke and heat vents shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Nonrequired *fire protection systems* and equipment shall be inspected, tested and maintained or removed.

703.4 Testing. Horizontal and vertical sliding and rolling fire doors shall be inspected and tested annually to confirm proper operation and full closure. Records of inspections and testing shall be maintained.

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901.6.1 Standards. *Fire protection systems shall be inspected, tested and maintained in accordance with the referenced standards listed in Table 901.6.1.*

**TABLE 901.6.1
FIRE PROTECTION SYSTEM MAINTENANCE STANDARDS**

SYSTEM	STANDARD
Portable fire extinguishers	NFPA 10
Carbon dioxide fire-extinguishing system	NFPA 12
Halon 1301 fire-extinguishing systems	NFPA 12A
Dry-chemical extinguishing systems	NFPA 17
Wet-chemical extinguishing systems	NFPA 17A
Water-based fire protection systems	NFPA 25
Fire alarm systems	NFPA 72
Smoke and heat vents	NFPA 204
Water-mist systems	NFPA 750
Clean-agent extinguishing systems	NFPA 2001

Please disregard 'Portable Fire Extinguishers' in the above table, as reports are not required. Also, see 703.4 (above) for fire door testing requirements.

As noted in Section 107.2.1, if you have hazards marked on a report, and you have repaired said hazard, please resubmit a report stating that all previously noted hazards have been corrected. This would be greatly appreciated as it improves efficiency.

Reports can be submitted to firereports@yakimawa.gov . Also, feel free to contact us at that email, or call us at 509-575-6060 with any questions or concerns. If copies are not submitted to the Fire Code Inspection Division, the tag or sticker on site will not suffice as a valid inspection as it does not give details to the results of the test.

To all of the companies already complying with these requirements, we thank you. You have been a very integral part of our inspection program, thus improving the life and property safety throughout the valley.

***"The Yakima Fire Department is dedicated to providing
quality public safety services to our community."***

APPENDIX B

City Of Spokane Municipal Code

Title 17F Construction Standards

Chapter 17F.080 Fire Code

Section 17F.080.260 Fire Protection System Verification

- A. A person responsible for a fire protection system requiring inspection by a state-licensed and Spokane fire department registered fire equipment servicer must submit to the fire department the servicer's report and the verification fee as established in SMC 8.02.034(F). Upon receipt of the report and the fee, the fire department:
 - 1. verifies that the service was performed by a state-licensed servicing company registered with the fire department as a fire equipment servicer;
 - 2. reviews the servicer's report to determine if the service was successful with no deficiencies;
 - 3. in the event there are deficiencies, provides an inspection, either on-site or by phone, and verifies the necessary correction; and
 - 4. maintains service records in a databank.
- B. Any person responsible for a fire protection system requiring inspection by a registered fire equipment servicer who fails or refuses to comply with any of the requirements of this section is subject to a civil infraction pursuant to chapter 1.05 SMC.
- C. Verification fees generated under SMC 8.02.034(F) are allocated by the fire department toward the expense of enforcing fire protection system regulations.
- D. For purposes of this chapter, a fire protection system includes, but is not limited to, fire detection or fire suppression equipment approved by the fire department.

Date Passed: Monday, June 7, 2010

Effective Date: Thursday, July 1, 2010

ORD C34601 Section 18

Title 08 Taxation and Revenue

Chapter 08.02 Fees and Charges

Article III. Building and Construction Permits

Section 08.02.034 Fire Code

A. Storage Tanks.

The fees in connection with aboveground or underground storage tanks for critical materials as defined in SMC 17A.020.030, including flammable or combustible liquids, are:

1. Installation (including installation of pumps and dispensers) of underground storage tank, per tank: Three hundred sixty-four dollars.
2. Installation of above ground storage tank, per tank:
 - a. More than sixty but less than five hundred gallons: One hundred fifty-eight dollars.
 - b. Five hundred gallons or more: Two hundred twenty-five dollars.
3. Aboveground or underground storage tank removal or abandonment, per tank: Eighty-eight dollars.
4. Placement of tank temporarily out of service: Eighty-eight dollars.
5. Alteration or repair of a tank: One hundred fifty-six dollars.

B. Installation of Fire Protection/Detection Equipment.

1. The fees for installing, altering, or repairing fire protection and/or fire detection equipment are based on the value of the work, according to the following schedule:

BID AMOUNT (Valuation)	PERMIT FEE	PLAN CHECK FEE
\$1 through \$500	\$0	\$0
\$501 through \$700	\$60	\$0
\$701 through \$1,400	\$60	\$39
\$1,401 through \$2,100	\$110	\$71.50
\$2,101 through \$2,800	\$130	\$84.50
\$2,801 through \$3,500	\$190	\$123.50
\$3,501 through \$4,200	\$225	\$146.25
\$4,201 through \$4,900	\$265	\$172.25
\$4,901 through \$5,600	\$305	\$198.25
\$5,601 through \$6,300	\$345	\$224.25
\$6,301 through \$7,000	\$380	\$247
\$7,001 through \$7,700	\$410	\$266.50
\$7,701 through \$8,400	\$450	\$292.50
\$8,401 through \$9,100	\$500	\$325
\$9,101 through \$9,800	\$550	\$357.50
\$9,801 through \$10,500	\$590	\$383.50
<p>For valuations of \$10,501 and over, fees are calculated as follows: Permit Fee: \$625 for the first \$10,500, plus a rate of \$6.50 per additional \$1,000. If the additional valuation ranges from \$1 through \$999, it is still charged the \$6.50 rate. Plan Check Fee: 65% of permit fee.</p>		

- 2.
3. Fees apply to initial submittal and one subsequent resubmittal. If the resubmittal is not accepted, the applicant will need to begin a new submittal (including the plan review fee).

4. The plan review fee will be paid initially. The permit fee will not be paid until the plan review has been completed and the application has been accepted.

5. Penalty.

Whenever any work for which a fire equipment permit is required is started without first obtaining a permit, the permit fees specified above are doubled. For valuations in which there is no permit fee, a minimum penalty of sixty dollars will be assessed.

6. Fee Refunds.

The fire official may authorize the refund of any fee erroneously paid or collected. The fire official may authorize the refunding of not more than eighty percent of the paid permit fee when no work has been done under an issued permit.

7. Valuation.

The valuation of the work done must be submitted at the time of application for a permit. The valuation is the value of the work to be done and includes all labor, material, equipment, and the like supplied and installed by the permittee to complete the work. The permittee may be asked to verify the valuation placed on the work. When the cost of any proposed work is unknown, an estimate of the cost shall be made and used to compute the permit fee. Upon completion of the work, a fee adjustment is made in favor of the City or permittee, if requested by either party.

8. Inspections.

Fees apply to an initial final inspection and one subsequent reinspection. If the reinspection is not approved or additional inspections are required, the applicant will be required to pay for any additional inspections.

C. Fire Protection System Verification.

The fee for verification that a fire protection system has been appropriately serviced by a fire department registered fire equipment servicer, for each inspection, is:

1. nineteen dollars for:

- a. sprinkler systems,
- b. standpipe systems,
- c. alarm systems,
- d. rangehood systems,

- e. inert gas extinguishing systems,
 - f. spray booths, and
2. nine dollars fifty cents for private fire hydrants.

D. Safety Inspections.

The fee for conducting safety inspections is eighty-eight dollars per hour with a minimum one-hour charge.

E. Reinspections.

The fee for conducting reinspections is eighty-eight dollars per incident. This applies to inspection requests beyond the allowable inspections associated with an original permit. The reinspection fee will apply when an inspection is scheduled with the fire department and the following occurs:

1. The project or occupancy is not ready for the inspection.
2. Corrections that were previously identified remain uncorrected.
3. The site is not accessible and a return visit is required.

F. Inspection fees as set forth in this section are appropriated for an estimated time spent equal to or less than one hour per inspection. Permittees are subject to additional inspection fees, which shall apply in a minimum of one-hour increments for each permit fee category, for additional time spent on inspection services to include code research and return site visits.

Date Passed: Monday, October 19, 2009

Effective Date: Sunday, November 22, 2009

ORD C34488 Section 15